Add-On Services
The Add-On Services purpose

- Provide visibility to specific and useful services
  - Visibility for the providers
  - Unique service catalog for the users

- Consolidate CMP as a core provider of solutions for prototyping services

Providers:
- Academics / Industrials

Promote

Important IP Blocks
Design Expertise
Software & Design Routines
Test Bench
Characterization facility
IC Inspection & Repairs
System Level services
Packaging Services

Look for solutions

R&D Institute / Website Visitors Worldwide Users

CMP annual users’ meeting – 30 January 2020
Add-On Services: browser

Dedicated webpage

Categories of Services

Companies / Labs already in AOS

CMP annual users’ meeting – 30 January 2020
Specific Packaging

Synergie CAD Partner SemiConductors (Synergie Cad PSC)

Synergie Cad PSC, created in 2000 as a subsidiary of Synergie Cad Group, has a unique offer in the supply of services in Electronics and Microelectronics Industrialization and production. On top of Development and fabrication of PCBs, its traditional business line, Synergie Cad PSC has developed around Semiconductors industrialization and production services with our In-House equipments and competences in IC's Packaging, IC's Test & Product Engineering, IC's qualification / reliability, Semiconductors supply chain and Electronic boards & Probe cards (Design, fabrication, Assembly).

Focus on: Plastic packages

One of our main specificities is to offer the possibility of fast-run plastic-fully moulded packages for prototyping and small series purposes. The following packaging types are available in standard leadframes in full-plastic: QFN 32/40/48/76, DIP 8/14/16/18, SOIC 14/16/20/24/28, QFP 64/100, BGA 200 balls. This may also include capabilities in thermal and electrical simulations. Small and mid-series production roadmap is also available for BGA, QFN, and QFP packages (as below):

Focus on: RF & MMW test

Another of our main specificities is to offer capabilities in RF & Millimetric Wave testing and characterization, up to 100GHz.

Illustration of services:

Company name: Synergie Cad PSC

Main services:

- Plastic packages
- RF & MMW test

Service description:

- Development and fabrication of PCBs
- Industrialization and production services
- In-House equipments and competences in IC's Packaging
- IC's Test & Product Engineering
- IC's qualification / reliability
- Semiconductors supply chain
- Electronic boards & Probe cards (Design, fabrication, Assembly)

Easy access on CMP website

Company or lab logo: Synergie Cad PSC

Direct contact link

Direct link to company or lab website: http://www.synergie-cad.fr

CMP annual users’ meeting – 30 January 2020
Contributions from academics

Intellectual Property
- Academics who work on specific IPs can promote them.

Design expertise
- Academics can have a design expertise and help designing chips.

Testing
- Academics might have advanced machines to test chips.

Do not hesitate to make suggestions, we are open to new ideas!
• IP blocks are desirable to ease and speed up design

• Affordable access to IP for R&D purposes

• Non qualified but tested IP blocks could be shared through CMP!

• CMP manages the collection of IPs that users are ready to share

• Terms and conditions:
  Free of charge, rewards with references or coauthoring or others

Note: IP sharing is only possible through CMP in agreement with confidentiality licenses (CLA)!!!
AOS Terms and Conditions

• Service free of charge for providers and users!

• Only original and specific services to serve R&D and prototyping purposes

• Only a publicity agreement to be signed

• Users and providers are directly interacting

• Services proposal to be submitted within a specific frame